Front View

Rear View

1. Stand
2. 4 USB 2.0 Ports
3. RJ-45/Ethernet Port
4. Kensington lock
5. Line-out
6. Power connector

Left View

1. Slim Tray SuperMulti DVD Burner

Right View

1. Power Button
2. USB 2.0 Ports
3. Microphone Jack
4. Audio Headphone Jack

Overview

At A Glance

- AMD Dual-Core Processor E-350 with AMD Radeon™ HD 6310 Discrete-Class Graphics
- Genuine Windows® 7 Professional (32-bit, Genuine Windows7 Starter, Genuine Windows7 Home Basic, FreeDos and RedFlag Linux
- AMD A45 FCH (Fusion Controller Hub)
- Supports up to 8 GB PC3-10600 SODIMM Memory
- Integrated high-definition audio with 2.0 sound capabilities and high-performance 2.0 speakers
- Integrated Wireless LAN
- ENERGY STAR® qualified
- 20-inch diagonal widescreen monitor (non-touch)
- PCI Express I/O bus mini socket (occupied)
- Serial ATA controller
- USB 2.0 support
- Up to 750 GB 7200RPM 3.5" Serial ATA hard drive
- Slim Tray SuperMulti DVD Burner
- 1/1/1 limited warranty (Up to 3/3/3 available through Care Pack upgrade). One year onsite, next business day, one year parts and labor. Includes free telephone support 24 x 7. Certain restrictions and exclusions apply.

Standard Features

Processor and Graphics	AMD Dual-Core Processor E-350 with AMD Radeon™ HD 6310 Discrete-Class Graphics	
Operating System	**Preinstalled** Genuine Windows® 7 Professional 32-bit Genuine Windows 7 Starter 32-bit Genuine Windows 7 Home Basic 32-bit FreeDos Red Flag Linux	
Chipset	AMD A45 FCH (Fusion Controller Hub)	
Display	20-inch diagonal	
	Resolution	1600 x 900 resolution
	Contrast ratio	700:1
	Image brightness	250 nits typical
	Typical reponse time	5ms
	Vertical viewing angle	70 degrees
	Horizontal viewing angle	75 degrees
Memory	Up to 8 GB PC3-10600 SODIMM Memory (2 SODIMM slots with up to a 4 GB SODIMM in each slot)	
NIC	Integrated Realtek RTL8111E GbE Ethernet Controller	
Wireless Connectivity	HP Wireless LAN 802.11b/g/n 1x1 Mini Card	
Keyboard	HP USB Standard Value keyboard	
Pointing Device	HP USB optical mouse	
Storage	**Hard Drive***	250 GB 7200RPM 3.0 GB/s Serial ATA hard drive 500 GB 7200RPM 3.0 GB/s Serial ATA hard drive 750 GB 7200RPM 3.0 GB/s Serial ATA hard drive
	Optical Drive	Slim Tray SuperMulti DVD Burner Read: 8x max DVD-ROM, 24x max CD-ROM Write: 8x max DVD±R, 6x max DVD±R DL, 8x max DVD+RW, 6x max DVD-RW, 5x max DVD-RAM, 24x max CD-R, 24x max CD-RW
	* Performance above 3.0 GB/s may not be available due to system resource requirements.	

Standard Features

Interfaces	USB 2.0	6 USB 2.0 ports (2 left side, 4 back) (6 ports available)
	Microphone jack	1 (Left Side)
	Audio headphone jack	1 (Left Side)
	RJ-45/Ethernet	1 (Back)
	Line-out	1 (Back)
Expansion Slots	1 PCI-E x1 mini socket slot (occupied)	
Audio/Visual	Integrated high-definition audio with 2.0 sound capabilities and high-performance 2.0 speakers	
Software†	Cyberlink DVD Suite Deluxe Microsoft Office Home and Business 2010* Microsoft Office Professional 2010* Norton Internet Security 2011** HP Power Assistant Microsoft Windows Virtual PC – XP Mode HP Recovery Manager Microsoft Internet Explorer * Purchase of a Product Key required to activate a full Office 2010 suite. ** Preinstalled security software helps protect you from viruses, spyware, and other online threats, right out of the box (60 days of complimentary live updates) † Not all software will be available on all units.	
Power Supply	90W external power supply (100V–240V)	
Service and Support	1/1/1 limited warranty (Up to 3/3/3 available through Care Pack upgrade). One year onsite, next business day, one year parts and labor. Includes free telephone support 24 x 7. Certain restrictions and exclusions apply.	

After-Market Options

Hard Disk Drives	HP 250-GB SATA 3.0-Gb/s Hard Drive	PY278AA
	HP 500-GB SATA 3.0-Gb/s Hard Drive	KW347AA
	HP 1-TB SATA 3.0-Gb/s Hard Drive	VU353AA
	HP 80GB SATA 3.5 Solid State Drive	BM848AA
Input Devices	HP 2.4GHz Wireless Keyboard & Mouse	NB896AA#ABA
	HP AIO/TouchSmart 2.4GHz Wireless Keyboard & Mouse	BL549AA#ABA
	HP USB PS2 Washable Keyboard/Mouse US	BU207AA#ABA
	HP USB 2-Button Optical Scroll Mouse	DC172B
	HP USB 2-Button Laser Mouse	GW405AA
	HP USB 04 Standard Keyboard	DT528A#ABA
	HP USB SmartCard CCID Keyboard	BV813AA#ABA
	HP USB Mini Keyboard	AS601AA#ABA
	HP USB Optical Mini Mouse	RH304AA
	HP USB PS2 Washable Keyboard	VF097AA#ABA
	HP USB PS2 Washable Scroll Mouse	BM866AA
	HP USB Keyboard with USB Ports	BT330AA#ABA
Multimedia	HP USB 2.0MP Business WebCam	NX252AA
	Thin USB Powered Speakers	KK912AA
	LCD Speaker Bar	NQ576AA
Memory	1GB DDR3-1333 SODIMM	VH639AA
	2GB DDR3-1333 SODIMM	VH640AA
	4GB DDR3-1333 SODIMM	VH641AA
Miscellaneous	Promo - PDF Complete Corporate Edition	WQ534AT
	HP Virtual Support Rooms (1 support representative seat) License	WF836A#B1K
	HP Virtual Rooms (up to 5 people in one meeting) License	WF722A#B1K
	HP Virtual Rooms (up to 15 people in one meeting) License	WF723A#B1K
	HP Virtual Rooms (up to 25 people in one meeting) License	WF724A#B1K
	HP USB Graphics Adapter	NL571AA
	HP Single Monitor Arm	BT861AA
	HP Multi-Purpose Cleaning Kit	BL528AA
	HP Business PC Security Lock Kit	PV606AA
	HP Keyed Cable Lock	BV411AA
	Belkin Network Cable	AH122AA
	Belkin 7-outlet Surge Protector	AG290AA#ABA

System Unit	Dimensions (HxWxL)	14.41 x 3.65 x 19.75 in (36.61 x 9.28 x 50.18 cm)	
	Weight	11.02 lbs (5.0 kg)	
	Stand-Alone Power Requirements	Electrical Ratings	100V to 240V
		Average Operating Power	43W
		Max Operating Power	90 Watts
	Temperature	Operating	50° to 104° F (10 to 40° C)
		Non-operating	-20° to 140° F (-30° to 60° C)
	Relative Humidity	Operating	20 to 80%
	Altitude (unpressurized)	Operating	0 to 7,500 ft (2,286 m)
		Non-operating	0 to 15,000 ft (4,572 m)
	Industry Standard Certification	ENERGY STAR® 5.0 qualified	

For accessibility information on HP products, please visit: http://www.hp.com/accessibility.

HP USB Standard Keyboard	Physical characteristics	Keys	104, 105, 106, 107, 109 layout (depending upon country)
		Dimensions (L x W x H)	18.14 x 1.07 x 6.02 in (46.1 x 2.74 x15.3 cm)
		Weight	1.3lb(0.6 kg) minimum
	Electrical	Operating voltage	+ 5VDC ± 5%
		Power consumption	50-mA maximum (with three LEDs ON)
		ESD	CE level 4, 12.5-kV air discharge
		EMI - RFI	Conforms to FCC rules for a Class B computing device
		Microsoft PC 99 - 2001	Functionally compliant
	Mechanical	Languages	40 available
		Keycaps	Silm design
		Switch actuation	60-g nominal peak force with tactile feedback
		Switch life	10 million keystrokes (using Hasco modified tester)
		Switch type	Contamination-resistant switch membrane
		Key-leveling mechanisms	N/A
		Cable length	1.5 m
		Microsoft PC 99 - 2001	Mechanically compliant
		Acoustics	50-dBA maximum sound pressure level
	Environmental	Operating temperature	50° to 122° F (10° to 50° C)
		Non-operating temperature	-22° to 140° F (-30° to 60° C)
		Operating humidity	10% to 90% (non-condensing at ambient)
		Non-operating humidity	20% to 80% (non-condensing at ambient)
		Operating shock	40g,six surfaces
		Non-operating shock	80g,six surfaces
		Operating vibration	2-g peak acceleration
		Non-operating vibration	4-g peak acceleration
		Drop (out of box)	30 in (76 cm) on carpet, 5-drop sequence
		Drop (in box)	30 in (76 cm) on rigid surface, 10-drop sequence
	Approvals	ULcUL, FCC, CE, TUV/Bauart, VCCI, BSMI, C-Tick, KCC	
	Ergonomic compliance	N/A	

Technical Specifications - Input Devices

HP USB 2-Button Optical Scroll Mouse	Scroll Wheel	24	
	Maximum Rotation Speed	48 rats/sec	
	Switch Type	wheel	
	Switch Life	Button - 1,000,000 Wheel - 200,000 times	
	Environmental	Operating Temperature	32° to 104° F (0° to 40° C)
		Non-operating Temperature	-4° to 140° F (-20° to 60° C)
		Operating Humidity	10% to 90% (non-condensing at ambient)
		Non-operating Humidity	20% to 80% (non-condensing at ambient)
		Operating Shock	40 g, six surfaces
		Non-operating Shock	80 g, six surfaces
		Operating Vibration	2-g peak acceleration
		Non-operating Vibration	4-g peak acceleration
	Electrical	Operating Voltage	4.35V-5.25V DC
		Power Consumption	<100mA
		MTBF	> 150,000 hrs
		ESD	IEC-61000-4-2 criteria B, Contact discharge: +/- 4kV, Air discharge: +/- 8kV
		EMI-RFI	FCC Class B
		PC98	PC 99 Compliant
	Mechanical	Resolution	500±10% DPI
		Tracking Speed	25 cm/sec
		Acceleration	0.5mm
		Switch Actuation	0.6N (60gf)
		Switch Life	Button - 1,000,000 Wheel - 200,000 times
		Cable Length	1.8m
		PC98-99	PC99 compliant
	Regulatory Approvals	ULcUL, FCC, CE, TUV/GS, VCCI, BSMI, C-Tick, MIC	

Serial ATA Hard Drives (7200 rpm)	**250 GB**	**Capacity**	250,059,350,016 bytes	
		Height	1 in (2.54 cm)	
		Width	Media diameter: 3.5 in (8.9 cm) Physical size: 4 in (10.2 cm)	
		Interface	Serial ATA (3.0 Gb/s)	
		Synchronous Transfer Rate (Maximum)	Up to 3 Gb/s	
		Buffer	8 MB	
		Seek Time (typical reads, includes controller overhead, including settling)	**Single Track**	2.0 ms
			Average	11 ms
			Full-Stroke	21 ms
		Rotational Speed	7,200 rpm	
		Logical Blocks	488,397,168	
		Operating Temperature	41° to 131° F (5° to 55° C)	
	500 GB	**Capacity**	500,107,862,016 bytes	
		Height	1 in (2.54 cm)	
		Width	Media diameter: 3.5 in (8.89 cm) Physical size: 4 in (10.2 cm)	
		Interface	Serial ATA (3.0 Gb/s)	
		Synchronous Transfer Rate (Maximum)	3.0 Gb/s	
		Buffer	8 MB	
		Seek Time (typical reads, includes controller overhead, including settling)	**Single Track**	2.0 ms
			Average	11 ms
			Full-Stroke	21 ms
		Rotational Speed	7,200 rpm	
		Logical Blocks	976,773,168	
		Operating Temperature	41° to 131° F (5° to 55° C)	

Technical Specifications - Hard Drives

750 GB	Capacity	720,176,893,706 bytes	
	Height	1 in (2.54 cm)	
	Width	Media diameter: 3.5 in (8.89 cm) Physical size: 4 in (10.2 cm)	
	Interface	Serial ATA (3.0 Gb/s)	
	Synchronous Transfer Rate (Maximum)	3.0 Gb/s	
	Buffer	8 MB	
	Seek Time (typical reads, includes controller overhead, including settling)	Single Track	2.0 ms
		Average	11 ms
		Full-Stroke	21 ms
	Rotational Speed	7,200 rpm	
	Logical Blocks	976,773,168	
	Operating Temperature	41° to 131° F (5° to 55° C)	

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